植 物 分 类 学 报 40(4):380~382(2002)
Acta Phytotaxonomica Sinica

安徽冬青属一新种

何云核
(安徽农业大学森林利用学院 合肥 230036)

A new species of the genus *Ilex* from Anhui, China

HE Yun-He
(*Faculty of Forest Utilization*, *Anhui Agricultural University*, Hefei 230036)

Key words *Ilex* L.; *I. huoshanensis*; New species; Anhui; China
关键词 冬青属;霍山冬青;新种;安徽;中国

霍山冬青 (苦丁茶) 新种 图1

Ilex huoshanensis Y. H. He (subgen. *Ilex*, sect. *Aquifolium* Gray), sp. nov. Fig. 1

Species affinis *I. centrosinensi* S. Y. Hu, sed planta arborescenti, ramulis glabris, foliis margine leviter revolutis et inaequaliter spinoso-dentatis, petiolis 6~10 mm longis, pedicellis sparse pilosis, 8~12 mm longis, pedicellis fructuum 1~1.5 cm longis.

Arbor sempervirens, 8~10 m alta, praeter pedicellos pilosos glabra; cortex cinereus; ramuli flavo-virenti vel rubiginosi, angulosi; gemmae ovoideae, apice acutae, 3~4 mm longae. Folia coriacea, nitida, elliptica vel ovato-elliptica, 6~12 cm longa, 2~5 cm lata, basi cuneata, apice acuta, pungentia, margine leviter revoluta, inaequaliter spinoso-dentata, dentibus 6~16-jugis, spinis 1~4 mm longis, costa supra plana vel impressa, subtus elevata, nervis lateralibus 6~10-jugis, reticulatis utrinque conspicuis; petioli 6~10 mm longi, supra sulcati. Inflorescentia breviter racemo-cymosa, fasciculata in axillis foliorum ramulorum annotinorum, 1.5~2 cm longa; pedunculi 3~6 mm longi. Flores polygami, flavescentes, tetrameri; corolla 6~8 mm diam. Flores ♂ multi; pedicelli 8~10 mm longi; calycis segmenta ovata, 1 mm longa, margine ciliata; petala elliptica, 4~6 mm longa, 1.8~2 mm lata; stamina 3~5 mm longa; discus conspicuus; ovarium abortivum ovoideum. Flores ♀ 12~15; pedicelli 8~12 mm longi, sparse pilosi; calycis segmenta ovata, 1 mm longa; petala oblonga, 3~5 mm longa, 1.6~1.8 mm lata; staminodia petalis breviora; ovarium ovoideum. Fructus globosi, sanguinei, 6~8 mm diam., pedicellis 1~1.5 cm longis; stigma persistens 4-lobatum, 0.5 mm longum; pyrenae 4, ovato-trigonae, 4~6 mm longae, 4 mm latae, utrinque palmatim striatae et sulcatae, medio dorso leviter impressae, ventre elevatae, endocarpio lapideo. Fl. Apr.-Mai. Fr. Sep.-Nov.

China. Anhui (安徽): Huoshan (霍山), Manshui River (漫水河), forest margin, alt. 580 m, 1998-05-14, B. M. Li (黎百鸣) 98002 (holotype, here designated, PE; isotype, AAUF); the same locality, in forests, alt. 560 m, 1998-05-02, B. M. Li 98001 (AAUF); the same locality, forest margin, alt. 580 m, 1998-10-02, Y. H. He 98146 (AAUF).

常绿乔木,高8~10 m,除花梗和果梗疏生短柔毛外全株无毛;树皮淡灰色;小枝黄绿色或红棕色,有棱脊;芽卵球形,顶端尖,长3~4 mm。叶革质,光亮,椭圆形或倒卵状椭圆

2001-04-10收稿,2001-10-08收修改稿。

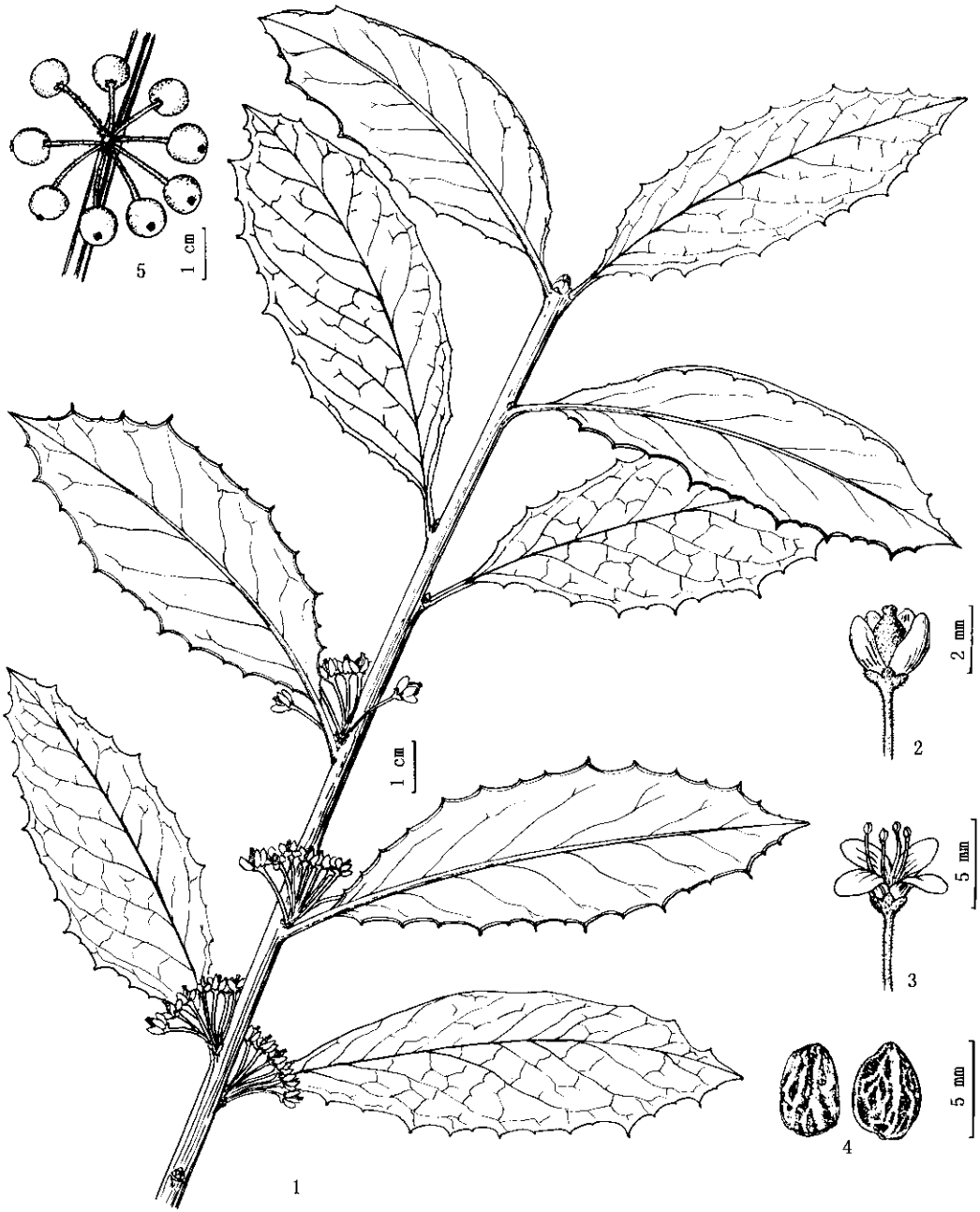

图 1　霍山冬青　1. 雌花枝；2. 雌花；3. 雄花；4. 果核(背腹面)；5. 果枝。(殷华森 绘)

Fig. 1　*Ilex huoshanensis* Y. H. He　1. Flowering branch with female flowers; 2. Female flower; 3. Male flower; 4. Pyrenes (dorsal and ventral view); 5. Fruiting branch.

形，长 6 ~ 12 cm，宽 2 ~ 5 cm，基部楔形，顶端急尖而呈刺状，边缘微反卷，疏生大小不等 6 ~ 16对刺状锯齿，刺长 1 ~ 4 mm，上面中脉平或微下陷，下面中脉隆起，侧脉 6 ~ 10对，隆起，两面网结；叶柄长 6 ~ 10 mm，上面有沟槽。短总状聚伞花序，簇生于 2 年生枝叶腋内，

长 1.5～2 cm,花序梗长 3～6 mm;花杂性,淡黄色,4 基数,花径 6～8 mm;雄花:多数,花梗长 8～10 mm,花萼卵形,长约 1 mm,边缘生纤毛;花瓣椭圆形,长 4～6 mm,宽 1.8～2 mm;雄蕊长 3～5 mm;有花盘;退化子房卵球形;雌花:12～15 朵;花梗长8～12 mm,有疏短柔毛;萼片卵形,长约 1 mm;花瓣矩圆形,长 3～5 mm,宽 1.6～1.8 mm; 退化雄蕊短于花瓣;子房卵球形。果球形,深红色,果径 6～8 mm,果梗长 1～1.5 cm;宿存柱头 4 浅裂,高约 0.5 mm;分核 4,卵状三棱形,长 4～6 mm,宽约 4 mm,两面有网纹和沟槽,背面中央稍凹下,腹面中央隆起,内果皮石质。花期 4～5 月。果期 9～11 月。

本种同华中刺叶冬青 *I. centrochinensis* S. Y. Hu 近缘,但本种为乔木,小枝无毛,叶边缘微反卷,有大小不等刺状锯齿,叶柄长 6～10 mm,花梗长 8～12 mm,有疏柔毛,果梗长 10～15 mm 而易于区别。